IN THE CLAIMS

Please amend claims 1, 27, 78, 80, and 104. All claims are reproduced below.

1. (Currently amended) A printer for printing time-based media, the printer comprising:

a communication interface for receiving time-based media data from a media source;

a processor for performing a multimedia function on the time-based media data to <u>identify a portion of the time-based media data corresponding to criteria received from a user</u> ~~obtain an electronic image and associated print data~~;

a user interface, communicatively coupled to the processor, including:

a display, for providing data to [[a]] <u>the</u> user;

an input device, for receiving data from the user;

a first output device for receiving the ~~associated print data~~ <u>identified portion of the time-based media data</u> from the processor and producing output on a printer; and

a second output device coupled to the processor for receiving the ~~electronic image~~ <u>identified portion of the time-based media</u> and producing an electronic output from the image.

2. (Original) The printer of claim 1 wherein the multimedia function includes selecting a range of audio data in response to received input from the user.

3. (Original) The printer of claim 1 wherein the multimedia function includes applying audio event detection to the time-based media data.

4. (Original) The printer of claim 3 wherein the multimedia function further includes determining a confidence level associated with the audio event detection.

2

5. (Original) The printer of claim 1 wherein the multimedia function includes applying a speaker segmentation function to the time-based media data.

6. (Original) The printer of claim 1 or 5 wherein the multimedia function includes applying a speaker recognition function to the time-based media data.

7. (Original) The printer of claim 1 wherein the multimedia function includes applying a sound source localization function to the time-based media data.

8. (Original) The printer of claim 7 wherein the multimedia function further includes applying audio event detection to the time-based media data.

9. (Original) The printer of claim 1 wherein the multimedia function includes applying a speech recognition function to the time-based media data.

10. (Original) The printer of claim 9 wherein the multimedia function includes applying a profile analysis function to the time-based media data.

11. (Original) The printer of claim 9 wherein the multimedia function includes applying an audio event detection function to the time-based media data.

12. (Original) The printer of claim 11 wherein the multimedia function further includes applying a speaker recognition function to the time-based media data.

13. (Original) The printer of claim 11 wherein the multimedia function further includes applying a speaker segmentation function to the time-based media data.

14. (Original) The printer of claim 11 wherein the multimedia function further includes applying a sound localization function to the time-based media data.

15. (Original) The printer of claim 1 wherein the multimedia function includes selecting a range of video data in response to received input from the user.

16. (Original) The printer of claim 1 wherein the multimedia function includes applying a video event detection function to the time-based media data.

17. (Original) The printer of claim 1 wherein the multimedia function includes applying a color histogram analysis function to the time-based media data.

18. (Original) The printer of claim 1 wherein the multimedia function includes applying a face detection function to the time-based media data.

19. (Original) The printer of claim 18 wherein the multimedia function includes applying a clustering function to the time-based media data to merge multiple instances of a face into a representative face image.

20. (Original) The printer of claim 1 wherein the multimedia function includes applying a face recognition function to the time-based media data.

21. (Original) The printer of claim 1 wherein the multimedia function includes applying an optical character recognition function to the time-based media data.

22. (Original) The printer of claim 21 wherein the multimedia function further includes applying a clustering function to the time-based media data to merge similar results of the optical character recognition.

23. (Original) The printer of claim 1 wherein the multimedia function includes applying a motion analysis function to the time-based media data.

24. (Original) The printer of claim 1 or claim 23 wherein the multimedia function includes applying a distance estimation function to the time-based media data.

25. (Original) The printer of claim 1 wherein the multimedia function includes applying foreground/background segmentation function to the time-based media data.

26. (Original) The printer of claim 1 wherein the multimedia function includes applying a scene segmentation function to the time-based media data.

27. (Currently amended) The printer of claim 26 wherein the multimedia function further includes applying a face recognition ~~recognition~~ function to the time-based media data.

28. (Original) The printer of claim 26 wherein the multimedia function further includes applying a face detection function to the time-based media data.

29. (Original) The printer of claim 26 wherein the multimedia function includes applying an optical character recognition function to the time-based media data.

30. (Original) The printer of claim 29 wherein the multimedia function further includes applying a face recognition function to the time-based media data.

31. (Original) The printer of claim 29 wherein the multimedia function includes applying a face detection function to the time-based media data.

32. (Original) The printer of claim 1 wherein the multimedia function includes applying an automobile recognition function to the time-based media data.

33. (Original) The printer of claim 32 wherein the multimedia function further

includes applying a motion analysis function to the time-based media data.

34. (Original) The printer of claim 1 wherein the multimedia function includes applying a license plate recognition function to the time-based media data.

35. (Original) The system of claim 1 wherein the multimedia function includes applying a visual inspection function to the time-based media data.

36. (Original) The printer of claim 1 wherein the user interface is configured to allow a user to control a compact disc (CD) device.

37. (Original) The printer of claim 1 wherein the user interface is configured to allow a user to control a digital video disc (DVD) device.

38. (Original) The printer of claim 1 wherein the user interface is configured to allow a user to control an audio tape device.

39. (Original) The printer of claim 1 wherein the user interface is configured to allow a user to control a video tape device.

40. (Original) The printer of claim 1 wherein the user interface is configured to allow a user to control a multimedia server.

41. (Original) The printer of claim 1 wherein the user interface is configured to allow a user to control encryption hardware.

42. (Original) The printer of claim 1 wherein the user interface is configured to allow a user to control audio sound localization hardware.

20412/08455/DOCS/1581544.1

43. (Original) The printer of claim 1 wherein the user interface is configured to allow a user to control motion detection hardware.

44. (Original) The printer of claim 1 wherein the user interface is configured to allow a user to control a MIDI player.

45. (Original) The printer of claim 1 wherein the user interface is configured to allow a user to control a cellular telephone.

46. (Original) The printer of claim 1 wherein the user interface is configured to allow a user to control a two-way radio.

47. (Original) The printer of claim 1 wherein the user interface is configured to allow a user to control a world wide web display.

48. (Original) The printer of claim 1 wherein the user interface is configured to allow a user to control a climate sensor.

49. (Original) The printer of claim 1 wherein the user interface is configured to allow a user to control a radio receiver.

50. (Original) The printer of claim 1 wherein the processor is further configured to display results of the multimedia function on the display of the user interface.

51. (Original) The printer of claim 1 wherein the second output device is a DVD drive.

52. (Original) The printer of claim 1 wherein the second output device is a CD drive.

7

53. (Original) The printer of claim 1 wherein the second output device is an audio tape drive.

54. (Original) The printer of claim 1 wherein the second output device is a video cassette device.

55. (Original) The printer of claim 1 wherein the second output device is a removable media device.

56. (Original) The printer of claim 1 wherein the second output device is an embedded audio recorder.

57. (Original) The printer of claim 1 wherein the second output device is an embedded video recorder.

58. (Original) The printer of claim 1 wherein the second output device is a non-volatile storage device.

59. (Original) The printer of claim 1 wherein the second output device is an embedded multimedia server.

60. (Original) The printer of claim 1 wherein the second output device is audio encryption hardware.

61. (Original) The printer of claim 1 wherein the second output device is video encryption hardware.

62. (Original) The printer of claim 1 wherein the second output device is audio sound localization hardware.

20412/08455/DOCS/1581544.1

8

PAGE 12/22 * RCVD AT 12/9/2005 10:15:16 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/27 * DNIS:2738300 * CSID:4152811350 * DURATION (mm-ss):04-44

63. (Original) The printer of claim 1 wherein the second output device is a cellular telephone.

64. (Original) The printer of claim 1 wherein the second output device is a two-way radio.

65. (Original) The printer of claim 1 wherein the second output device is a world-wide web display.

66. (Original) The printer of claim 1 wherein the second output device is a radio receiver for receiving AM signals.

67. (Original) The printer of claim 1 wherein the second output device is a radio receiver for receiving FM signals.

68. (Original) The printer of claim 1 wherein the second output device is a radio receiver for receiving short wave signals.

69. (Original) The printer of claim 1 wherein the second output device is a satellite radio receiver.

70. (Original) The printer of claim 1 wherein the second output device is a weather alert receiver.

71. (Original) The printer of claim 1 wherein the second output device is an emergency alert monitor for receiving emergency broadcast system alerts.

72. (Original) The printer of claim 1 wherein the second output device is hardware for performing VGA screen captures.

20412/08455/DOCS/1581544.1

PAGE 13/22 * RCVD AT 12/9/2005 10:15:16 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/27 * DNIS:2738300 * CSID:4152811350 * DURATION (mm-ss):04-44

73. (Original) The printer of claim 1 wherein the second output device is hardware for performing audio capture.

74. (Original) The printer of claim 1 wherein the second output device is hardware for capturing data from an electronic pen.

75. (Original) The printer of claim 1 wherein the second output device is a disposable media writer.

76. (Original) The printer of claim 1 wherein the second output device is a flash memory device.

77. (Original) The printer of claim 1 wherein the second output device is a wireless device.

78. (Currently amended) A method for printing time-based media, the method comprising:

> receiving time-based media data from a media source;
>
> receiving ~~user input, the user input specifying~~ a user selection of a multimedia function, the multimedia function including criteria to be applied to time-based media data ~~to perform on the time-based media~~;
>
> performing the ~~specified~~ multimedia function on the time-based media data to ~~obtain an electronic image and associated print data~~ identify a portion of the time-based media data matching the included criteria;
>
> producing output on a printer from the ~~associated print data from the processor and~~ identified portion of the time-based media data; and
>
> producing an electronic output ~~from the electronic image~~ of the identified portion of the time-based media data.

10

79. (Original) The method of claim 78 wherein the multimedia function includes selecting a range of audio data in response to received input from the user.

80. (Currently amended) The method of claim [[1]] 78 wherein the multimedia function includes applying audio event detection to the time-based media data.

81. (Original) The method of claim 80 wherein the multimedia function further includes determining a confidence level associated with the audio event detection.

82. (Original) The method of claim 78 wherein the multimedia function includes applying a speaker segmentation function to the time-based media data.

83. (Original) The method of claim 78 or 82 wherein the multimedia function includes applying a speaker recognition function to the time-based media data.

84. (Original) The method of claim 78 wherein the multimedia function includes applying a sound source localization function to the time-based media data.

85. (Original) The method of claim 84 wherein the multimedia function further includes applying audio event detection to the time-based media data.

86. (Original) The method of claim 78 wherein the multimedia function includes applying a speech recognition function to the time-based media data.

87. (Original) The method of claim 86 wherein the multimedia function includes applying a profile analysis function to the time-based media data.

88. (Original) The method of claim 86 wherein the multimedia function includes applying an audio event detection function to the time-based media data.

20412/08455/DOCS/1581544.1

89. (Original) The method of claim 88 wherein the multimedia function further includes applying a speaker recognition function to the time-based media data.

90. (Original) The method of claim 88 wherein the multimedia function further includes applying a speaker segmentation function to the time-based media data.

91. (Original) The method of claim 88 wherein the multimedia function further includes applying a sound localization function to the time-based media data.

92. (Original) The method of claim 78 wherein the multimedia function includes selecting a range of video data in response to received input from the user.

93. (Original) The method of claim 78 wherein the multimedia function includes applying a video event detection function to the time-based media data.

94. (Original) The method of claim 78 wherein the multimedia function includes applying a color histogram analysis function to the time-based media data.

95. (Original) The method of claim 78 wherein the multimedia function includes applying a face detection function to the time-based media data.

96. (Original) The method of claim 95 wherein the multimedia function includes applying a clustering function to the time-based media data to merge multiple instances of a face into a representative face image.

97. (Original) The method of claim 78 wherein the multimedia function includes applying a face recognition function to the time-based media data.

98. (Original) The method of claim 78 wherein the multimedia function includes

applying an optical character recognition function to the time-based media data.

99. (Original) The method of claim 98 wherein the multimedia function further includes applying a clustering function to the time-based media data to merge similar results of the optical character recognition.

100. (Original) The method of claim 78 wherein the multimedia function includes applying a motion analysis function to the time-based media data.

101. (Original) The method of claim 78 or claim 100 wherein the multimedia function includes applying a distance estimation function to the time-based media data.

102. (Original) The method of claim 78 wherein the multimedia function includes applying foreground/background segmentation function to the time-based media data.

103. (Original) The method of claim 78 wherein the multimedia function includes applying a scene segmentation function to the time-based media data.

104. (Currently amended) The method of claim 103 wherein the multimedia function further includes applying a face recognition recognition function to the time-based media data.

105. (Original) The method of claim 103 wherein the multimedia function further includes applying a face detection function to the time-based media data.

106. (Original) The method of claim 103 wherein the multimedia function includes applying an optical character recognition function to the time-based media data.

107. (Original) The method of claim 106 wherein the multimedia function further includes applying a face recognition function to the time-based media data.

108. (Original) The method of claim 106 wherein the multimedia function includes applying a face detection function to the time-based media data.

109. (Original) The method of claim 78 wherein the multimedia function includes applying an automobile recognition function to the time-based media data.

110. (Original) The method of claim 109 wherein the multimedia function further includes applying a motion analysis function to the time-based media data.

111. (Original) The method of claim 78 wherein the multimedia function includes applying a license plate recognition function to the time-based media data.

112. (Original) The method of claim 78 wherein the multimedia function includes applying a visual inspection function to the time-based media data.